

# GLASS COMPOSITION FOR DISPLAY PANELS

## Abstract

A glass composition suitable for manufacturing plasma displays and large-area displays using the fusion draw process is provided. The glass composition includes 59-66 mol %  $\text{SiO}_2$ , 14.5-18.0 mol %  $\text{Al}_2\text{O}_3$ , 8.5-12.0 mol %  $\text{Na}_2\text{O}$ , 2.5-6.5 mol %  $\text{K}_2\text{O}$ , 2.5-9.0 mol %  $\text{CaO}$ , 0.0-3.0 mol %  $\text{MgO}$ , 0.0-3.0 mol %  $\text{SrO}$ , 0.0-3.0 mol %  $\text{BaO}$ , and 0.0-5.0 mol %  $\text{MgO}+\text{SrO}+\text{BaO}$ .